



Specifications

Circuit: 11 Transistor Superheterodyne
Frequency Coverage: FM 86.5—108 Mc (3.53—2.78 m)
 MW 530—1,605 Kc (566—187 m)
 LW 150—350 Kc (2,000—857 m)
Intermediate Frequency: FM 10.7 Mc AM 455 Kc
Antenna System: FM Two built-in Telescopic Antennas
 External Antenna Jacks
 AM Ferrite Bar Antenna
 One built-in Telescopic Antenna (left)
 External Antenna Jack (left)
Maximum Sensitivity (at 10mW output): FM 1 μ V/m MW 22 μ V/m LW 63 μ V/m
Selectivity: MW 33 dB at 10 Kc off resonance, at 1,400 Kc
 LW 40 dB at 10 Kc off resonance, at 320 Kc
Output Power: 900 mW (undistorted), 2.68V across 8 Ω load
Speaker: 4" PM Dynamic, 8 Ω
Battery: Four Size "D" Flashlight
 Batteries (6 Volts)
Current Drain: 18 mA (AM), 24 mA (FM)
 at zero signal
 240 mA at 700 mW output
Dimensions: 10-3/4" \times 8-1/4" \times 3-3/8"
 (273 \times 208 \times 86 mm)
Weight: 6.4 lbs (2.9 kg)

Adjustments

a) Frequency Coverage Adjustment

	Lower Limit	Adjust	Upper Limit	Adjust
FM	85.5 Mc	Core and Gap of FM OSC Coil (L ₄)	109.5 Mc	FM OSC Trimmer (C ₄)
MW	520 Kc	Core of MW OSC Coil (L ₆)	1,680 Kc	MW OSC Trimmer (C ₆₋₁)
LW	145 Kc	Core of LW OSC Coil (L ₇)	360 Kc	LW OSC Trimmer (C ₆₋₂)

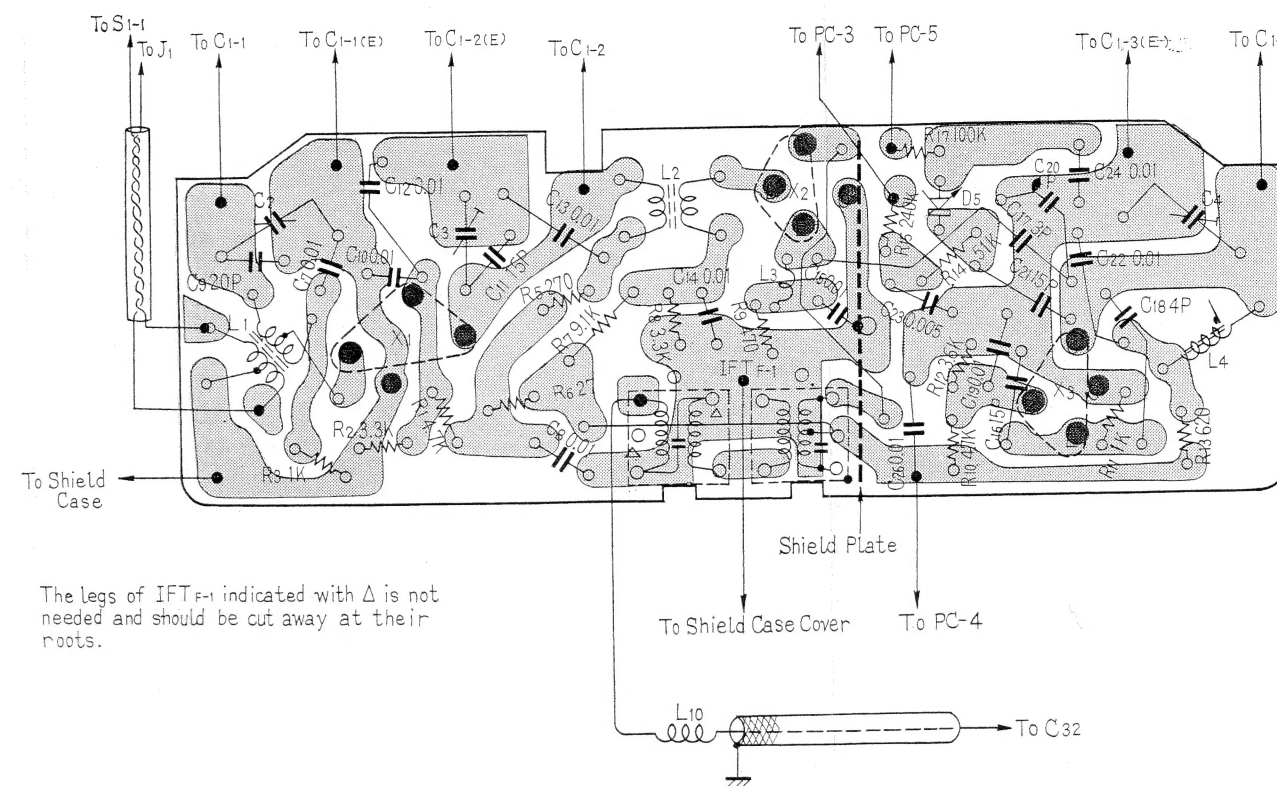
b) Tracking Adjustment

	Lower Checking Point	Adjust	Upper Checking Point	Adjust
FM	85.5 Mc	Core of FM RF Coil (L ₂)	109.5 Mc	FM RF Trimmer (C ₃)
		Core of FM ANT Coil (L ₁)		FM ANT Trimmer (C ₂)
MW	620 Kc	Position of MW ANT Coil (L ₅₋₁)	1,400 Kc	MW ANT Trimmer (C ₅₋₁)
LW	160 Kc	Position of LW ANT Coil (L ₅₋₂)	320 Kc	LW ANT Trimmer (C ₅₋₂)

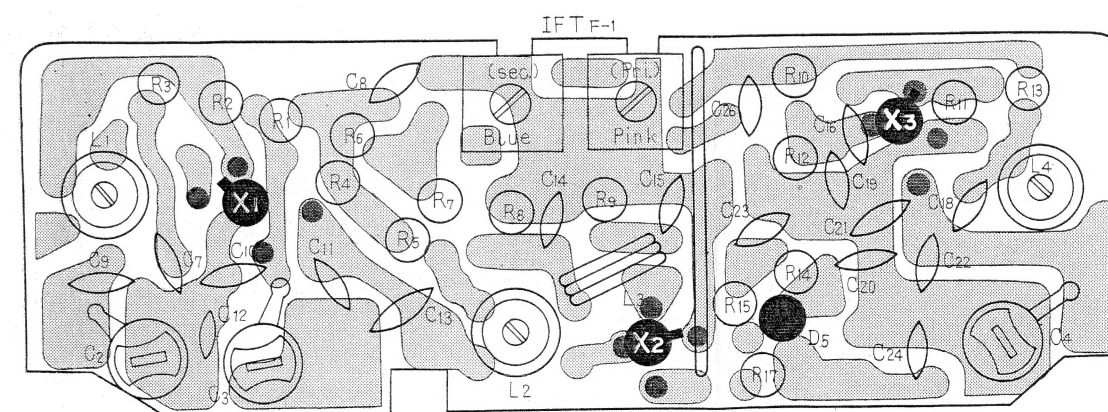
Mounting Diagram

FM Tuner Section

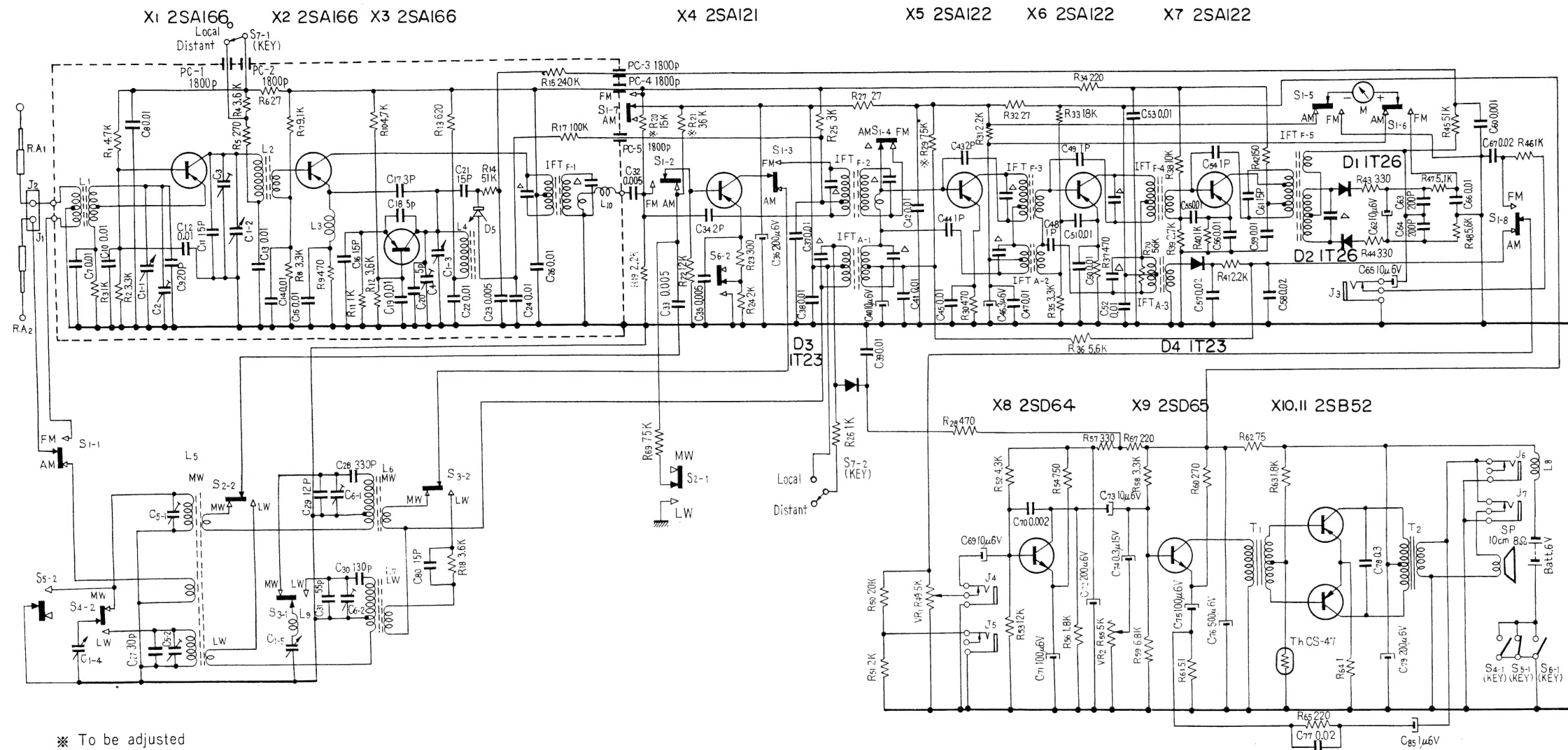
—Printed Side—



—Parts Side—



Schematic Diagram

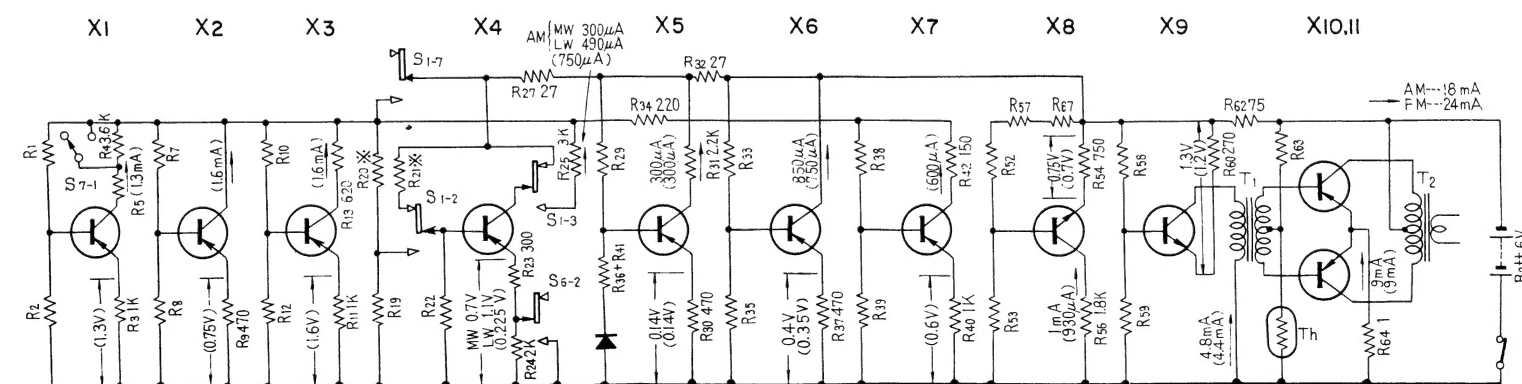


※ To be adjusted

Capacitors marked with Δ are built in relative IF Transformers.

C20, 27, 86, 87 : Used in some sets for adjustment purpose.

Voltage and Current Distribution Chart at Zero Signal



Values in the parenthesis are for "FM."

Mounting Diagram

IF • AF Section

—Parts Side—

